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1/28/03

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**To:** Assistant Commissioner for Patents

**From:** David Bonham  
(703) 433-0510

**Fax:** 703-872-9308

**Total pages:** 19

**Phone:**

**Date:** 1/14/03

**Re:** In connection with prosecution in Serial. No.  
09/715,902, please find enclosed (1) Amendment  
Transmittal Letter and (2) Amendment and  
Response (with attachments).

**CC:**

Sincerely,

David Bonham

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

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01/28/2003 DJACORS 00000001 501047 09715902

01 FC:1202 396.00 CH  
02 FC:1252 400.00 CH  
03 FC:1203 280.00 CH

Serial No. 09/715,902  
Docket No. PP01627.003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Donnelly et al.  
Serial No.: 09/715,902  
Filed: 11/17/2000  
Title: MICROPARTICLE-BASED TRANSFECTION AND ACTIVATION OF  
DENDRITIC CELLS  
Art Unit: 1632  
Examiner: Wehbé, Anne Marie Sabrina  
Docket No.: 1627.003

VIA FACSIMILE 703-872-9306  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT AND RESPONSE**

Sir:

Further to the non-final Office Action mailed August 14, 2002 in the above matter  
Examiner, Applicants submit the following amendments and remarks:

**IN THE CLAIMS:**

**Please amend claims 1, 5-7, 14, 16-18 and 30 as follows:**

a<sup>1</sup>

1. (Amended) A method of transfecting dendritic cells comprising:  
providing dendritic cells;  
providing a transfection agent comprising a polynucleotide and microparticles,  
said microparticles comprising biodegradable polymer and cationic detergent; and  
incubating the dendritic cells and transfection agent *ex vivo* for a time sufficient to  
transfect the dendritic cells with the polynucleotide.